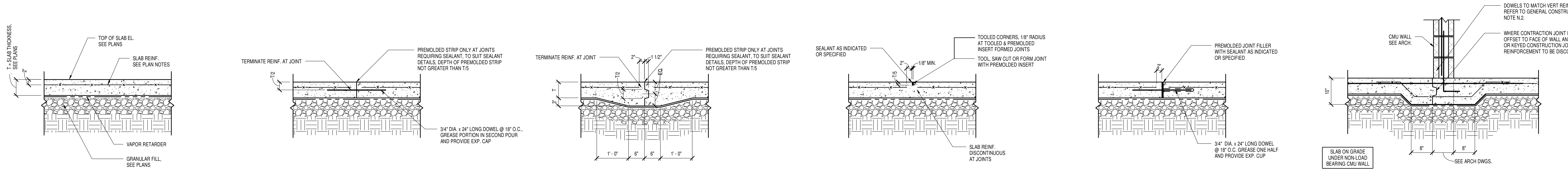
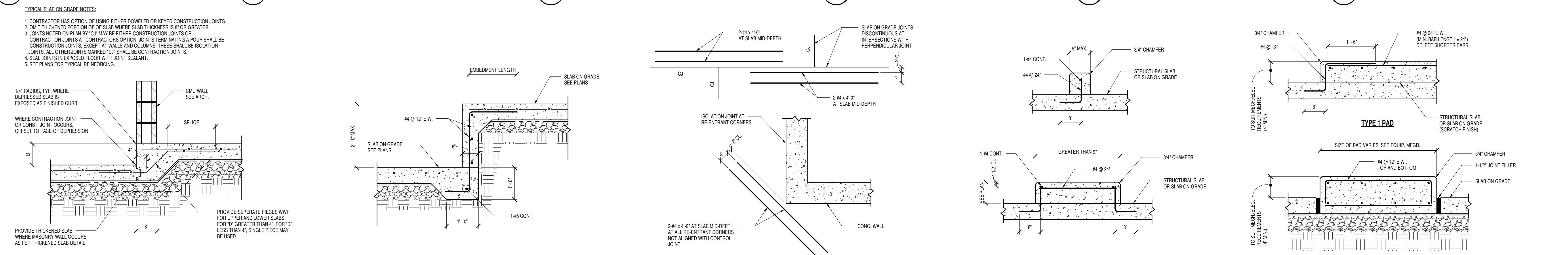


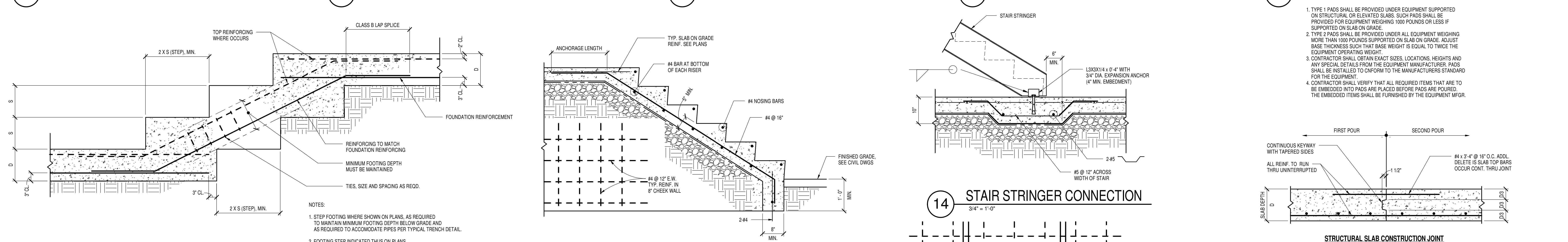
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



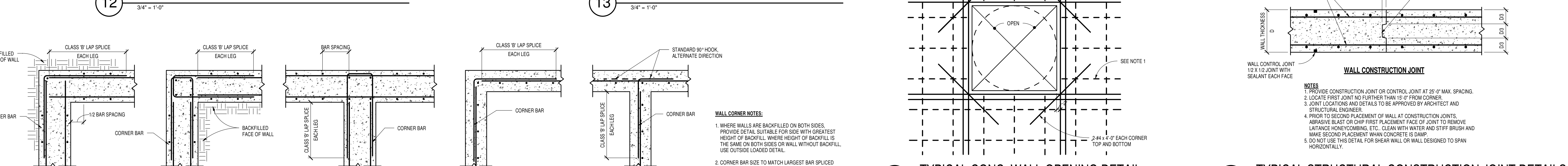
1 TYPICAL SECTION 3/4" = 1'-0"  
2 CONSTRUCTION JOINT - DOWELED (CJ) 3/4" = 1'-0"  
3 CONSTRUCTION JOINT - KEYED (CJ) 3/4" = 1'-0"  
4 CONTRACTION JOINT (CJ) 3/4" = 1'-0"  
5 EXPANSION JOINT (EJ) 3/4" = 1'-0"  
6 THICKENED SLAB UNDER CMU WALL 3/4" = 1'-0"



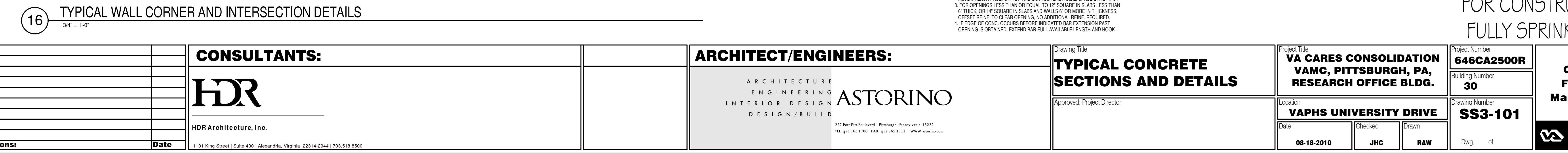
7 DEPRESSED SLAB ("D" LESS THAN 8") 3/4" = 1'-0"  
8 DEPRESSED SLAB ("D" GREATER THAN 8") 3/4" = 1'-0"  
9 DETAIL AT JOINT INTERSECTIONS 3/4" = 1'-0"  
10 TYPICAL CONCRETE CURB DETAILS 3/4" = 1'-0"  
11 TYPICAL CONCRETE PAD DETAILS 3/4" = 1'-0"



12 TYPICAL STEPPED FOOTING DETAIL 3/4" = 1'-0"  
13 TYPICAL STAIR ON GRADE DETAIL 3/4" = 1'-0"



14 STAIR STRINGER CONNECTION 3/4" = 1'-0"  
15 TYPICAL CONC. WALL OPENING DETAIL 1/2" = 1'-0"



16 TYPICAL WALL CORNER AND INTERSECTION DETAILS 3/4" = 1'-0"  
17 TYPICAL STRUCTURAL CONSTRUCTION JOINT DETAILS 3/4" = 1'-0"



<b>CONSULTANTS:</b> <b>HDR</b> HDR Architecture, Inc. 1101 King Street   Suite 400   Alexandria, Virginia 22314-2944   703.518.8500		<b>ARCHITECT/ENGINEERS:</b> <b>ASTORINO</b> ARCHITECTURE ENGINEERING INTERIOR DESIGN DESIGN/BUILD 227 First Pitt Boulevard   Pittsburgh, Pennsylvania 15222 TEL 412 765 1700 FAX 412 765 1711 www.astorino.com		<b>Project Title</b> <b>TYPICAL CONCRETE SECTIONS AND DETAILS</b> <b>Approved: Project Director</b>		<b>Project Number</b> <b>646CA2500R</b> <b>Building Number</b> <b>30</b> <b>Location</b> <b>VAPHS UNIVERSITY DRIVE</b> <b>Date</b> <b>08-18-2010</b> <b>Checked</b> <b>JHC</b> <b>Drawn</b> <b>RAW</b>		<b>Drawing Title</b> <b>TYPICAL CONCRETE SECTIONS AND DETAILS</b> <b>Approved: Project Director</b>		<b>Project Number</b> <b>646CA2500R</b> <b>Building Number</b> <b>30</b> <b>Location</b> <b>VAPHS UNIVERSITY DRIVE</b> <b>Date</b> <b>08-18-2010</b> <b>Checked</b> <b>JHC</b> <b>Drawn</b> <b>RAW</b>		<b>Office of Facilities Management</b> <b>Department of Veterans Affairs</b>	
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